

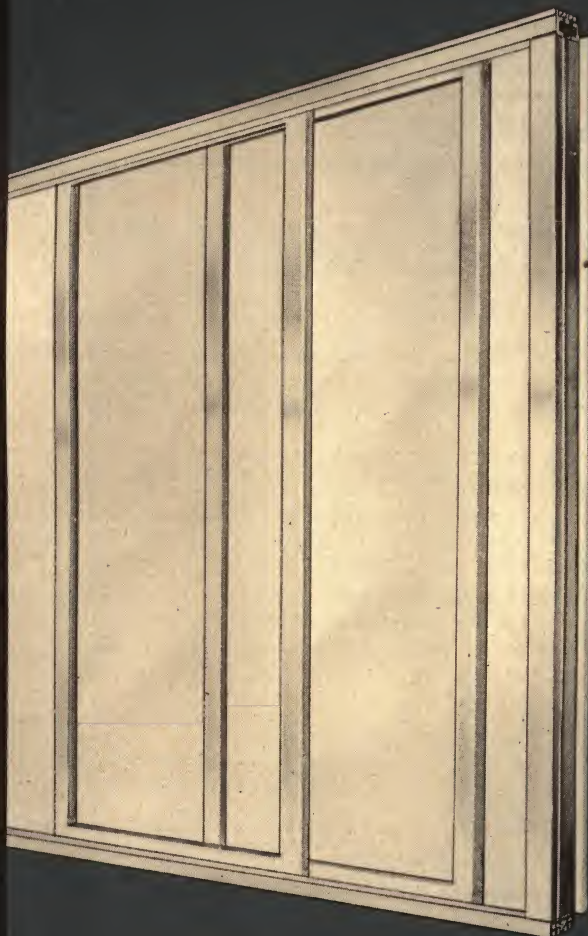
LUDMAN

sliding glass doors

made by the makers of world famous



LUDMAN
Auto-lok
AUTOMATIC LOCKING
PATENTED



Catalog 380 1933

AUTO-LOK ALUMINUM AWNING
WINDOWS and LUDMAN INTER-
MEDIATE PROTECTED ALUMINUM
WINDOWS

See SWEET'S Section 5a
71c

AUTO-LOK WOOD AWNING
WINDOWS

See SWEET'S Section 5c
80

sliding glass doors

LUDMAN LEADS THE WORLD IN WINDOW ENGINEERING

LUDMAN *All-Weather* ALUMINUM SLIDING GLASS DOORS

GIVE YOUR HOUSES THE "VALUE LOOK" THAT MEANS MORE SALES FASTER!

LUDMAN Aluminum Sliding Glass Doors will make the houses you build look bigger sell faster! And they'll add the "Value Look" that means more profit and adds to your reputation, too. LUDMAN Aluminum Sliding Glass Doors will do all this with real economy all the way. You can buy premium quality LUDMAN Aluminum Sliding Glass Doors without paying premium prices. They're less expensive to use than

conventional wall construction for the same area. They're the easiest Sliding Glass Doors to install ever designed.

Designed with the builder in mind

There is no equal to LUDMAN Aluminum Sliding Glass Doors. Study the check-list and see for yourself why LUDMAN Aluminum Sliding Glass Doors are superior. Even though some but not all of the LUDMAN features will be found dis-

A GOOD DOOR MUST HAVE ALL THESE ESSENTIAL

FEATURES	LUDMAN	DOOR "A"	DOOR "B"	DOOR "C"	DOOR "D"	DOOR "E"	DOOR "F"	DOOR "G"
DISTINCTIVE BEAUTY								
Balanced Sight Lines Exposed jambs and head dimensionally equal.	✓		✓					
Flush sill does not project above floor level.	✓	✓					✓	✓
Graceful door sections give maximum glass exposure and trim beauty.	✓	ONLY LUDMAN HAS THIS FEATURE						
All exposed aluminum parts in beautiful "Satin Finish".	✓	✓	✓		✓			
Frame head and jamb leg supports and finishes off 3/4" plaster coat assuring attractive flush finish.	✓			✓				
RIGID CONSTRUCTION								
Top and bottom rails telescope into stiles are secured with large die-cast aluminum corner lock and 4 screws per corner.	✓	ONLY LUDMAN HAS THIS FEATURE						
All extruded aluminum parts are 63ST5 aluminum alloy.	✓	✓	✓		✓			
Door stiles and top and bottom rails are tubular extruded aluminum.	✓		✓					
NO ADJUSTMENT NEEDED								
Overlapping Pile Type weatherseal and compressible Vinyl Bulb Type weatherseal design and placement assures unit that remains weathertight, and needs no adjustment, even if building settles.	✓	ONLY LUDMAN HAS THIS FEATURE						
EFFORTLESS OPERATION								
Non-metallic, silent bottom rollers contain grease-sealed ball bearings.	✓	ONLY LUDMAN HAS THIS FEATURE						
Free, quiet movement assured by frictionless Pile Type weatherseal.	✓			✓				✓
SIMPLE MAINTENANCE								
Sill tracks and all moving parts may be easily removed and replaced.	✓	ONLY LUDMAN HAS THIS FEATURE						
Bottom rollers and brackets, and door pile weatherseal strips, may be removed without disassembling door.	✓			✓				
COMPLETELY WEATHERSEALED								
Vinyl Bulb type weatherseal at jambs and by-passing door stiles.	} ✓							
Double pile weatherseal at bottom of each door.		ONLY LUDMAN HAS THIS FEATURE						
Double pile weatherseal in frame head.								

persed among doors produced by other manufacturers, there is no single door that includes all of the LUDMAN features. Furthermore, there are a number of exclusive features that are found in no other door. Among features designed especially for builders are . . . a two-piece sill that permits placing of sub-sill before laying finish floor, and installation of flush top sill track after all floor work is completed, preventing jamming and flattening of the sill track by workmen, and assuring lifetime, trouble-free operation of doors . . . unit available from dealer either assembled or knocked-down, without glass, with illustrated simple assembly instructions . . . two-piece corner post (exclusive with LUDMAN) for modern corner door installations . . . maximum glass economy through LUDMAN'S exclusive "even inch" dimensioning—glass width and height in even inches . . . almost unlimited combinations—inside or outside doors—from basic stock units.

Only LUDMAN Aluminum Sliding Glass Doors were designed to have every one of the features that is essential to a Sliding Glass Door that can be easily installed and satisfactorily operated under all climatic conditions. Your dealer will show you why LUDMAN Sliding Glass Doors are superior . . . and he'll show you, too, how many features are exclusive with LUDMAN.

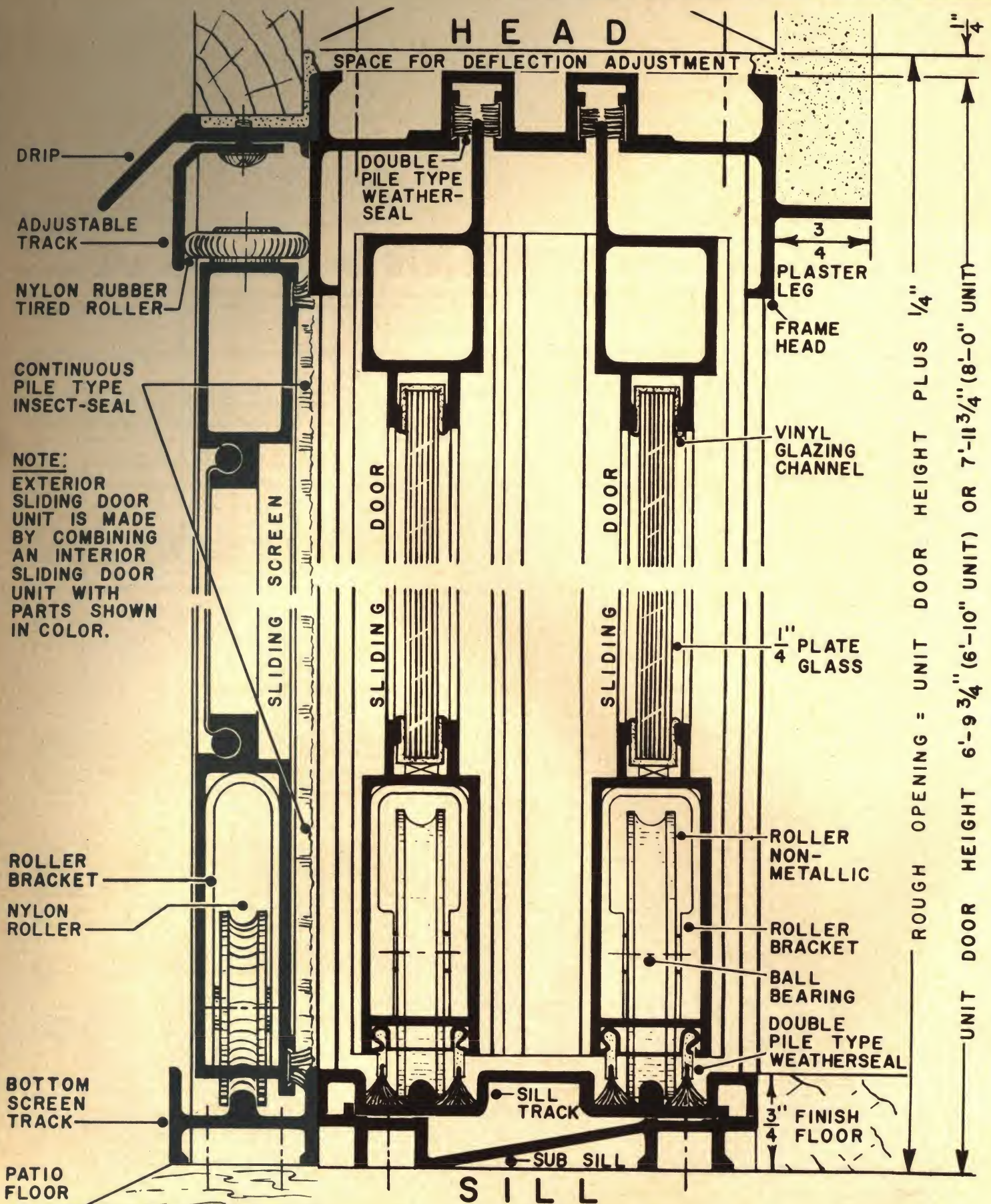
You'll be a pace-setter

LUDMAN Aluminum Sliding Glass Doors will go a long way towards establishing your reputation as a pace-setter in building truly modern homes . . . homes that meet the public's clamor for Indoor-Outdoor Living! It's an unbeatable combination . . . lower-cost construction . . . better-looking homes . . . bigger-looking homes . . . faster-selling homes. See your dealer today for all the information that will put you "way out front in your area . . . way out front in more and quicker sales!"

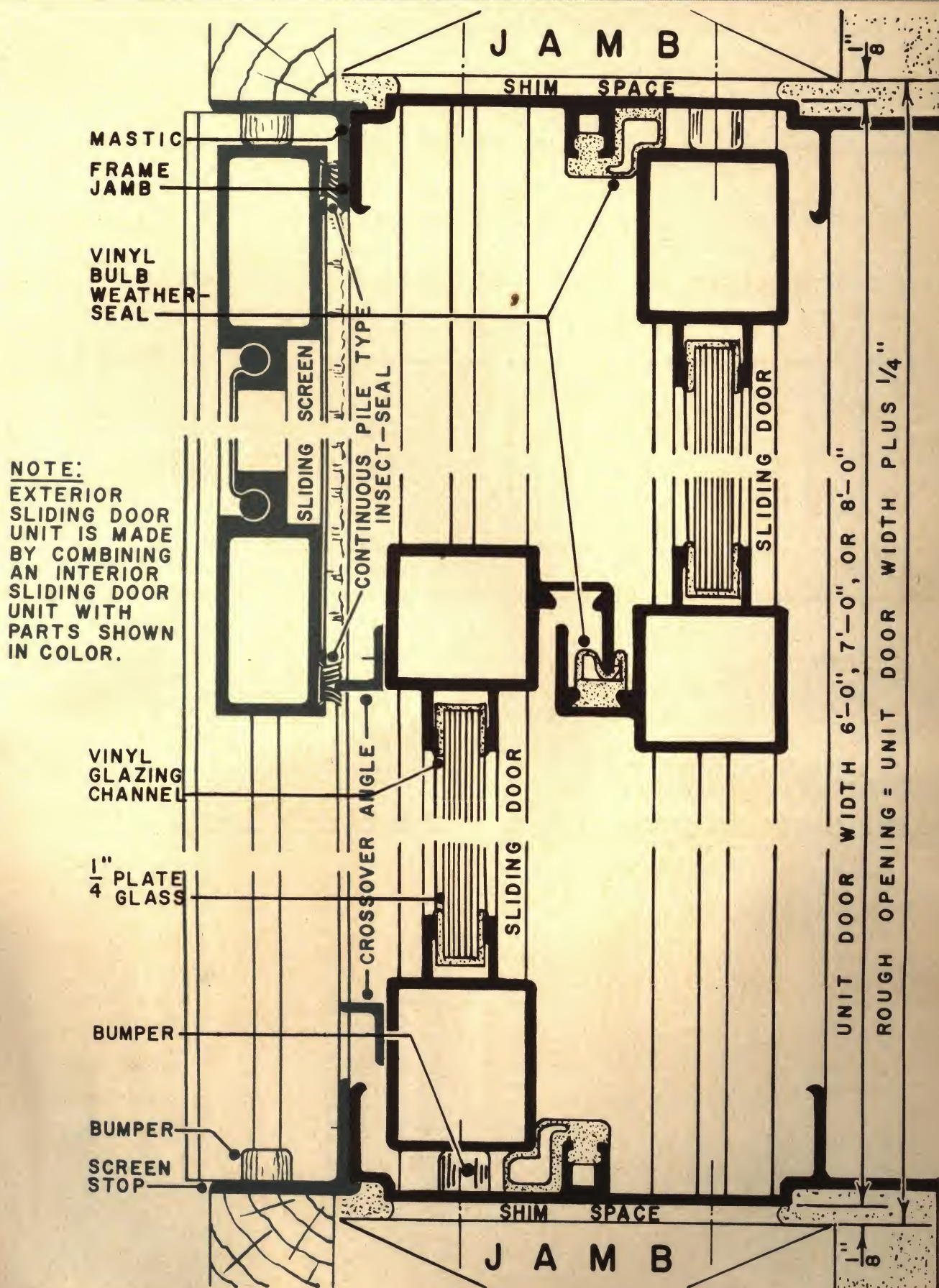
FEATURES....only LUDMAN has them all....

FEATURES	LUDMAN	DOOR "A"	DOOR "B"	DOOR "C"	DOOR "D"	DOOR "E"	DOOR "F"	DOOR "G"
POSITIVE LATCHING AND LOCKING								
Semi-Automatic Latch . . . located on both sides of door . . . Door Pull, and Night Lock are standard equipment.	✓	ONLY LUDMAN HAS THIS FEATURE						
Exterior keyed cylinder lock available on request.	✓	✓	✓	✓	✓	✓	✓	✓
GREATER FLEXIBILITY								
Both doors by-pass . . . either may be locked in fixed position.	✓	✓		✓				
Drip cap, screen stop, screen tracks, and sloping threshold may be attached to standard unit for exterior use.	✓	ONLY LUDMAN HAS THIS FEATURE						
HAZARD-FREE								
No "Stumble-hazard" . . . sill flush with floor.	✓	✓				✓		✓
No tearing of clothes . . . no parts of hardware project.	✓	✓				✓	✓	✓
No danger of "Lock-out" . . . Door latches on both inside and outside of door.	✓			✓	✓	✓		✓
Night lock standard equipment.	✓			✓		✓		✓
CUSTOM-DESIGNED SCREENS								
Single sliding screen seals either door opening.	✓	ONLY LUDMAN HAS THIS FEATURE						
Positive closure at all points . . . Continuous pile-type insect seal completely surrounds screen door.	✓	ONLY LUDMAN HAS THIS FEATURE						
All screen members extruded aluminum tubular sections. No warping. No Twisting.	✓	✓	✓	✓	✓			
Latch and Night Lock standard equipment on all screens.	✓	ONLY LUDMAN HAS THIS FEATURE						
Top screen track adjustable.	✓	ONLY LUDMAN HAS THIS FEATURE						
Frame members neatly joined and corners firmly secured with special die-cast aluminum corner locks, and 4 screws per corner.	✓	ONLY LUDMAN HAS THIS FEATURE						
Screen has self-lubricating, silent, nylon bottom rollers . . . rubber-tired, nylon top rollers.	✓	ONLY LUDMAN HAS THIS FEATURE						
GREATER DESIGN ADAPTABILITY								
Door units can be mulled with picture window sections, jalousies, and awning windows.	✓	ONLY LUDMAN HAS THIS FEATURE						
Two door units may be mulled together with structural extruded aluminum tubular mullion.	✓	✓	✓	✓	✓			
MADE FOR STANDARD OR DOUBLE GLAZING								
Door units furnished standard for 1/4" plate glass.	✓	✓	✓	✓	✓	✓	✓	✓
Door units available for 1/2" double glazing.	✓	✓	✓	✓		✓	✓	✓

Obviously, it was impossible to rate every door on the market in this comparison, but 7 of the leading brands were selected for comparison.

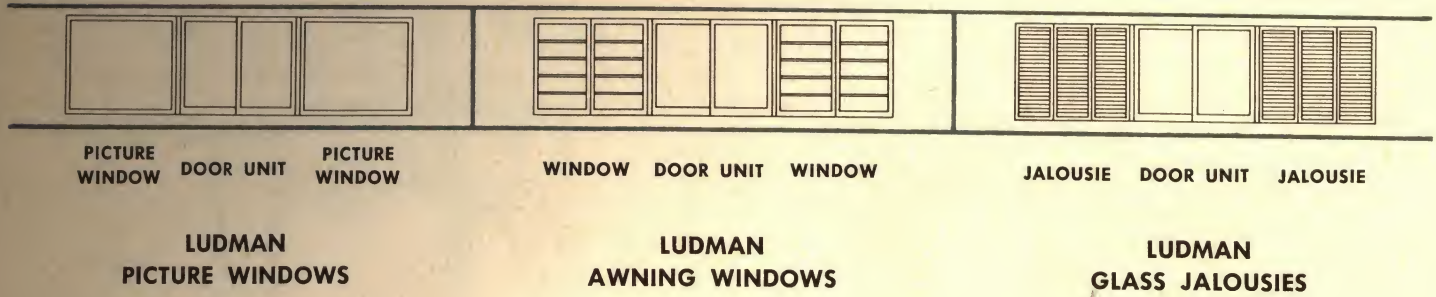


Vertical Section

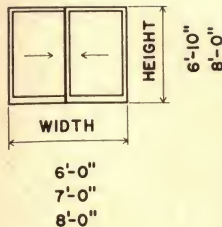
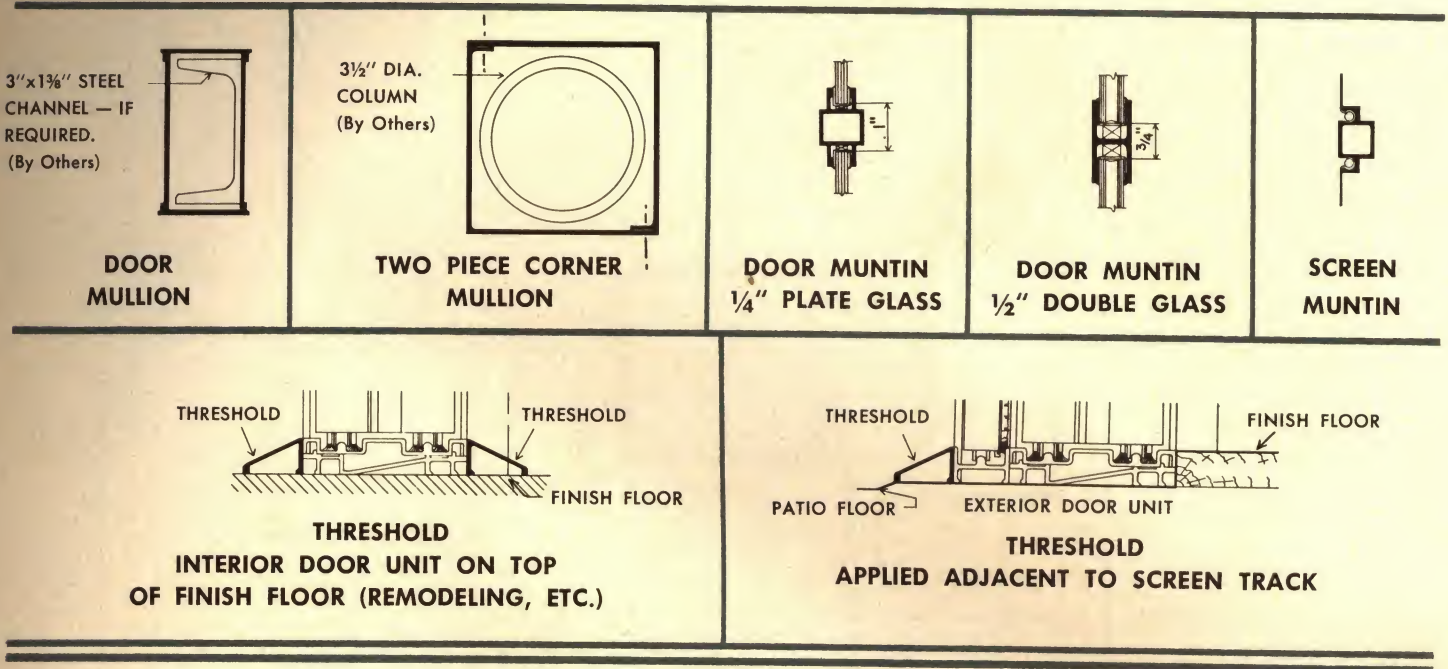


Horizontal Section

COMBINATIONS AND OPTIONAL ITEMS



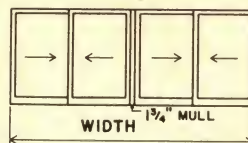
ANY COMBINATION OF THESE PRODUCTS MAY BE MULLED TOGETHER
OPTIONAL ITEMS



Standard Sizes For 1/4" Plate Glass

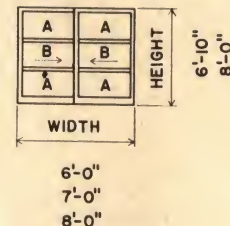
GLASS SIZES 1/4" PLATE GLASS	
UNIT SIZE	GLASS SIZE
6'-0" X 6'-10"	34" X 76"
7'-0" X 6'-10"	40" X 76"
8'-0" X 6'-10"	46" X 76"
6'-0" X 8'-0"	34" X 90"
7'-0" X 8'-0"	40" X 90"
8'-0" X 8'-0"	46" X 90"

EXAMPLE Mulling two or more units



12'-1 3/4" (2-6'-0" WIDE UNITS)
 14'-1 3/4" (2-7'-0" WIDE UNITS)
 16'-1 3/4" (2-8'-0" WIDE UNITS)

OR ANY COMBINATION OF 2
 OR MORE UNITS—ADDING
 1 3/4" FOR EACH MULLION.



Standard Sizes For Double Glazing

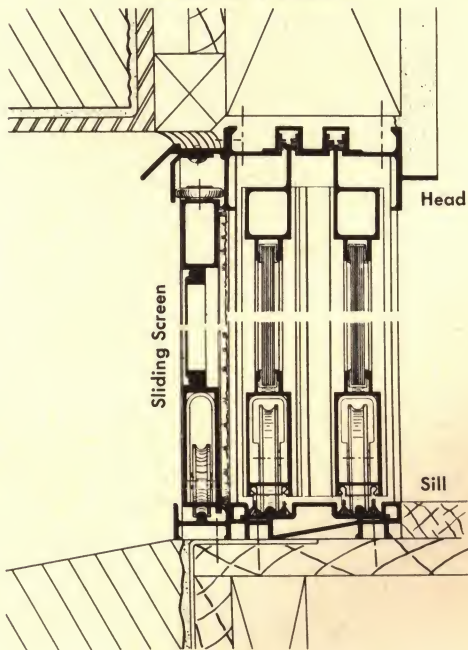
GLASS SIZES 1/2" DOUBLE GLAZING		
UNIT SIZE	GLASS SIZE	
	A	B
6'-0" X 6'-10"	34" X 22 1/2"	34" X 29 1/2"
7'-0" X 6'-10"	40" X 22 1/2"	40" X 29 1/2"
8'-0" X 6'-10"	46" X 22 1/2"	46" X 29 1/2"
6'-0" X 8'-0"	34" X 29 1/2"	34" X 29 1/2"
7'-0" X 8'-0"	40" X 29 1/2"	40" X 29 1/2"
8'-0" X 8'-0"	46" X 29 1/2"	46" X 29 1/2"

sliding glass doors

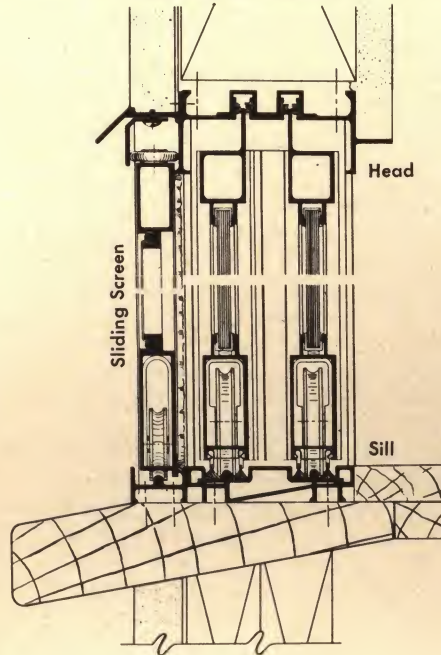
installation details

4a
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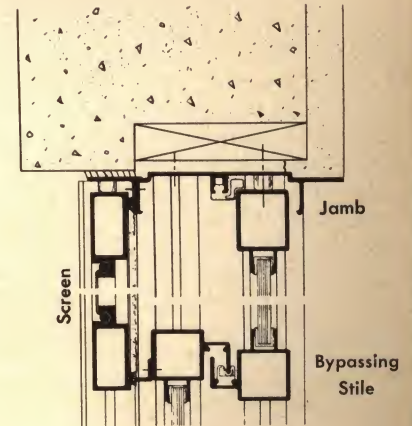
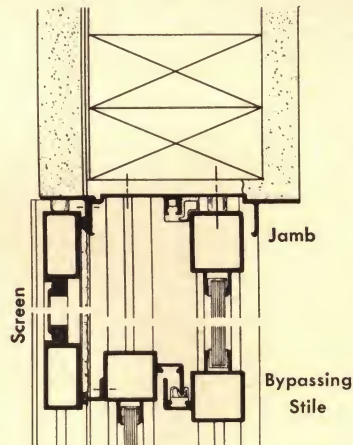
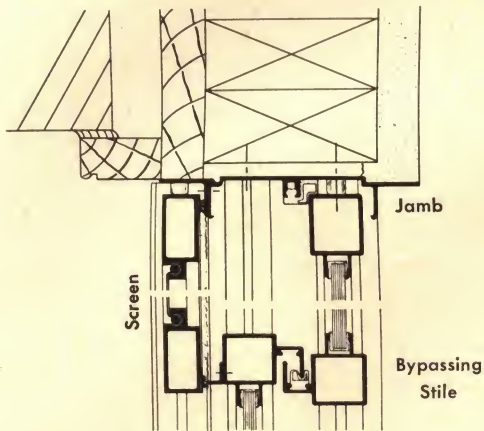
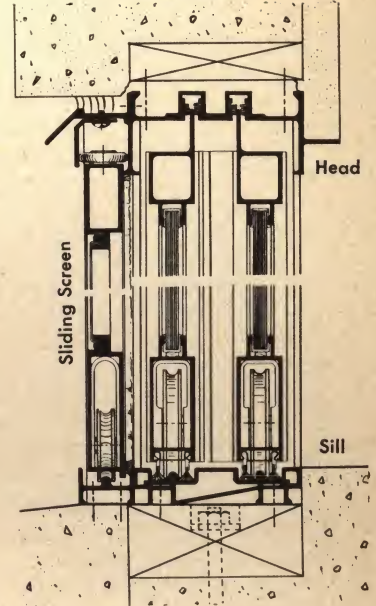
Brick Veneer



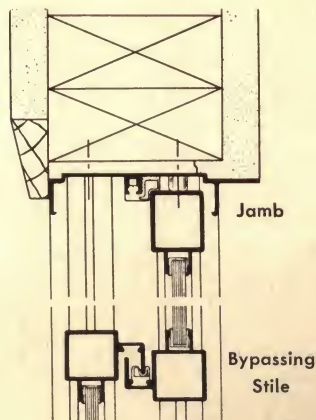
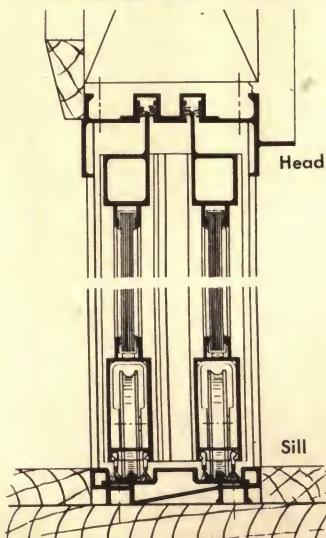
Frame & Stucco



Concrete



Interior Partition



Scale: 3" 1'-0"

NOTE: Shim Space at Head = $\frac{1}{4}$ "

Shim Space at Jamb = $\frac{1}{8}$ " (each side)

specifications

GENERAL — Aluminum sliding door units shown on plans shall be Ludman doors as manufactured by the Ludman Corporation, North Miami, Florida.

MATERIAL AND CONSTRUCTION — Ludman sliding door units shall be fabricated from Ludman quality controlled extruded 63S-T5 aluminum alloy. Corner locks to be Ludman die cast aluminum. All metallic parts (latch, keeper, roller studs, screws, etc.) other than aluminum shall be stainless steel or cadmium plated steel. All screws to have Phillips type head.

UNIT FRAME—Standard frame shall consist of sub-sill, replaceable top sill track, head and jambs. Head and jambs to contain $\frac{3}{4}$ inch interior plaster stop. Exterior sliding door unit frame to include in addition to standard frame members a bottom screen track, head drip, adjustable top screen track, jamb screen stops and door crossover angles. These are detachable extruded sections added to the standard or interior frame to create an exterior door using a sliding screen.

SLIDING DOOR—Stiles and rails to be hollow extrusions. Rails to nest neatly inside of stiles at corners and be secured with large die cast corner locks and four flush type Phillips screws at each corner. Bottom rail to contain replaceable roller assemblies consisting of extruded roller bracket, non-metallic laminated quiet roller and precision double shielded and grease sealed ball bearing.

SLIDING SCREEN—All four screen frame members to be hollow extrusions. Each mated corner to contain large die cast corner lock and four flush type Phillips screws. Bottom screen frame member to contain replaceable roller assemblies consisting of aluminum bracket and nylon self lubricating quiet bottom rollers. Top screen frame member to include removable guide roller assemblies consisting of roller plate, nylon roller bearings, rubber tire and stainless steel stud. Screen slides to cover either door opening. Screen to contain 14x18 mesh aluminum wire cloth secured in screen frame with vinyl splines.

WEATHERSTRIPPING—Vertical weatherstrip to be Ludman quality controlled bulb compression type, self retaining elastomeric vinyl. Horizontal weatherseal to be close woven wool pile secured in stainless steel strip. There shall be a double seal of pile weatherseal at top and bottom of each sliding door to insure weather tightness and provide long life and quiet operation. Vertical and horizontal weatherseal shall cross to provide a continuous weatherseal to outside elements.

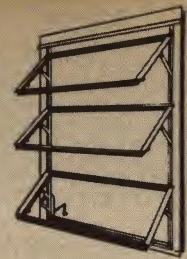
INSECT SEAL—All four sliding screen frame members to contain insect seal made of close woven wool pile secured in a stainless steel strip thus providing "all around" insect protection when screen is covering either opening.

HARDWARE—Each sliding door to contain a latch on inside and outside of each door that automatically latches when door is closed and can be opened from outside unless night latch is secured. Each inside latch shall include Ludman's night lock feature. Each door to include aluminum door pulls on inside and outside conveniently located above latch. Latch keepers to be adjustable. All latches and door pulls to be flush mounted confined within door width. Sliding screen to contain an aluminum finger pull on inside and outside of each vertical screen frame member. Each sliding screen to contain a latch on inside and outside of screen that automatically latches when door is closed and can be opened from the outside unless night latch is secured. Each inside latch shall include Ludman's night lock feature. Cylinder locks, if desired, are available at additional cost.

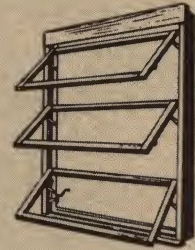
FINISH—All exposed aluminum shall have a "Ludman Satin Finish." All surfaces in contact with ferrous materials, masonry or mortar shall be given a protective coating of asphalt base paint by installer.

ERECTION—(Under separate contract) door unit frames to be installed in prepared opening level and plumb using substantial shims. Mounting screws to be furnished by manufacturer. Caulk as per Ludman instruction drawing. Mastic to be supplied by others.

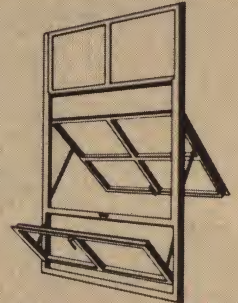
GLAZING—(By others) glass to be retained in door frame sections with vinyl glazing channel furnished by Ludman. Glazing to be performed in accordance with Ludman's instructions.



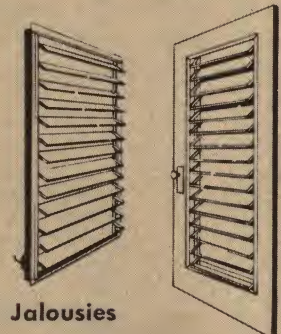
Auto-Lok Aluminum Windows



Auto-Lok Wood Windows

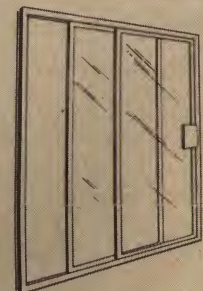


Ludman Projected Windows

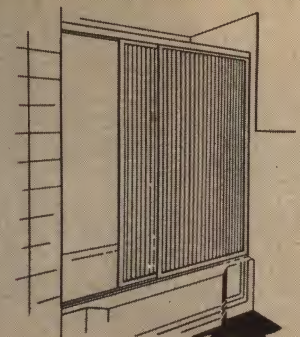


Jalousies

Jalousie Doors



Aluminum Sliding Glass Doors



Shower Door Tub Enclosures

LUDMAN CORPORATION

North Miami, Florida

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